

ASSET VISIBILITY AND AUTOMATIC IDENTIFICATION TECHNOLOGY



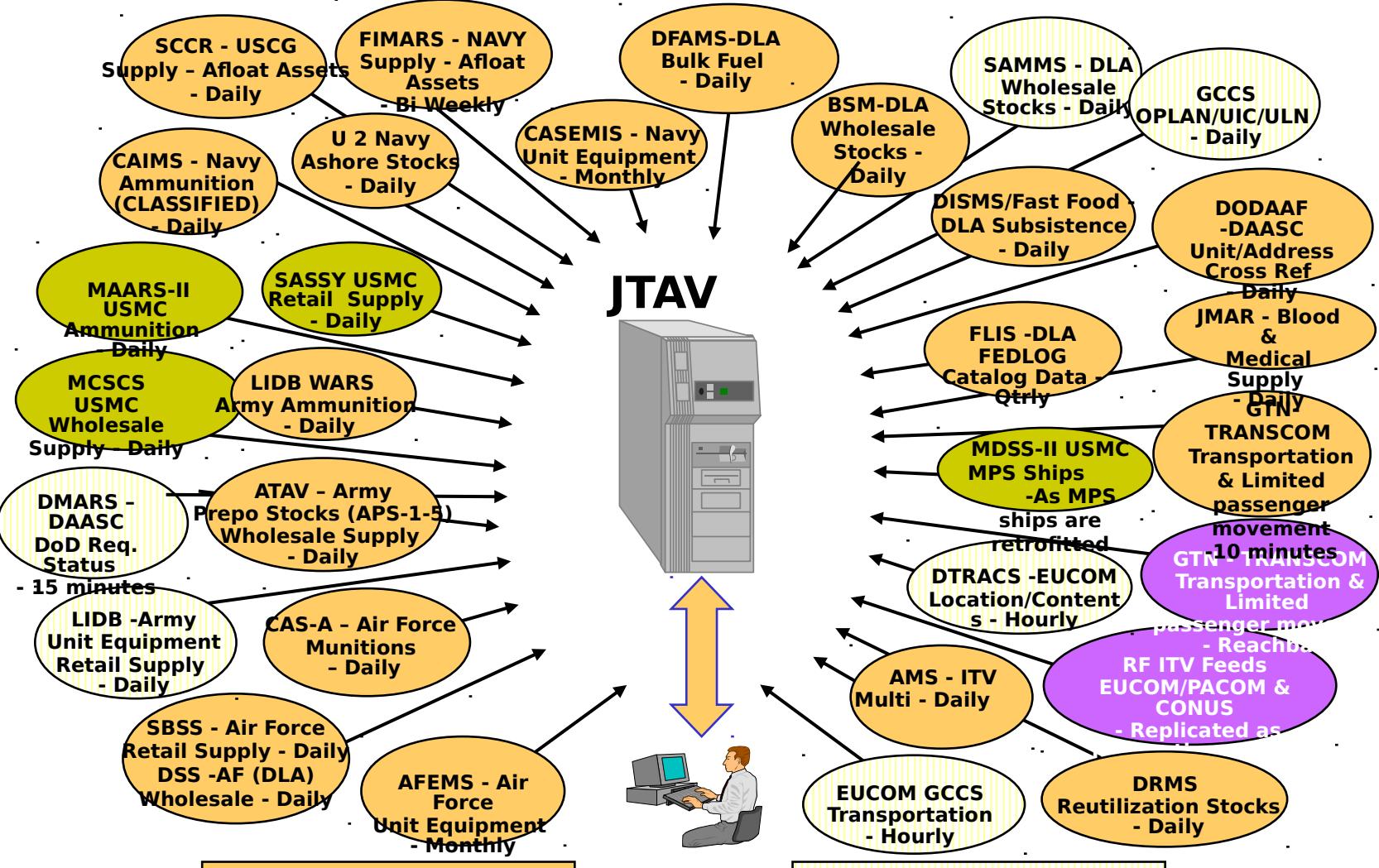
**2005 TMO TACK-ON
25 APR 05**

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*Ricky Morton
LPC-3*



JTAV (IDE-AV)

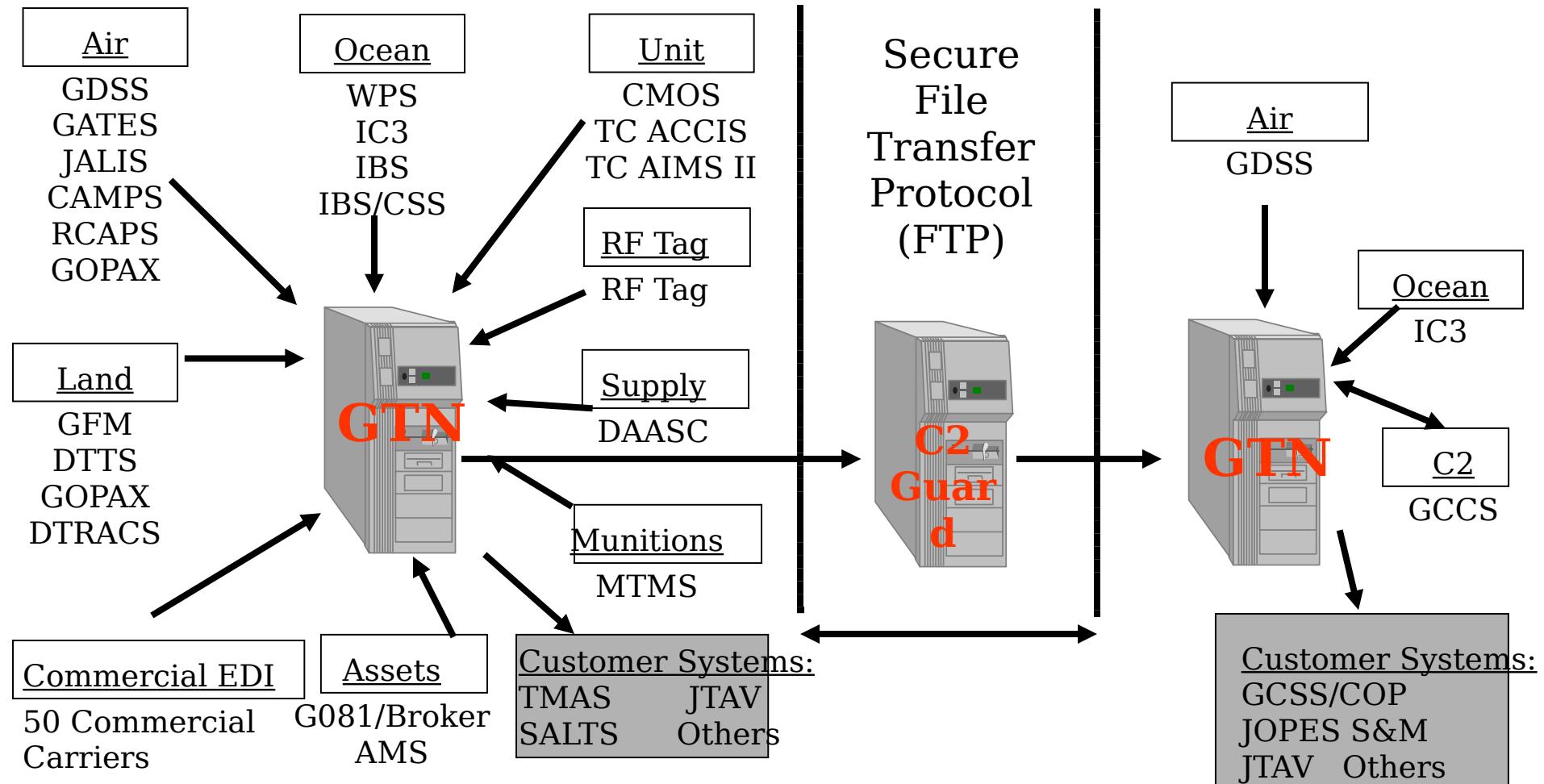




GTN (GTN21)

Unclassified But Sensitive

Secret



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RFID ITV Server TODAY



"Tracking Objects" Concept

USAREUR ITV Website



ITV User Community



A tag is a tag is a tag is a tag is a...

SENSITIVE
ITV

ITV-I
Oracle 8i

MPI
Message
Processor

RF-ITV

DTRACS

MTS

Pana

Vistar

BRS/Dyna

...

Iridium

RF-ITV
Oracle 8i

DTRACS
SQL Server

MTS

Pana

Vistar

BRS/Dyna

...

Iridium

Data Admin

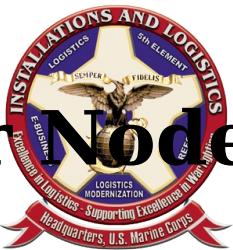
RF ID

DTRACS

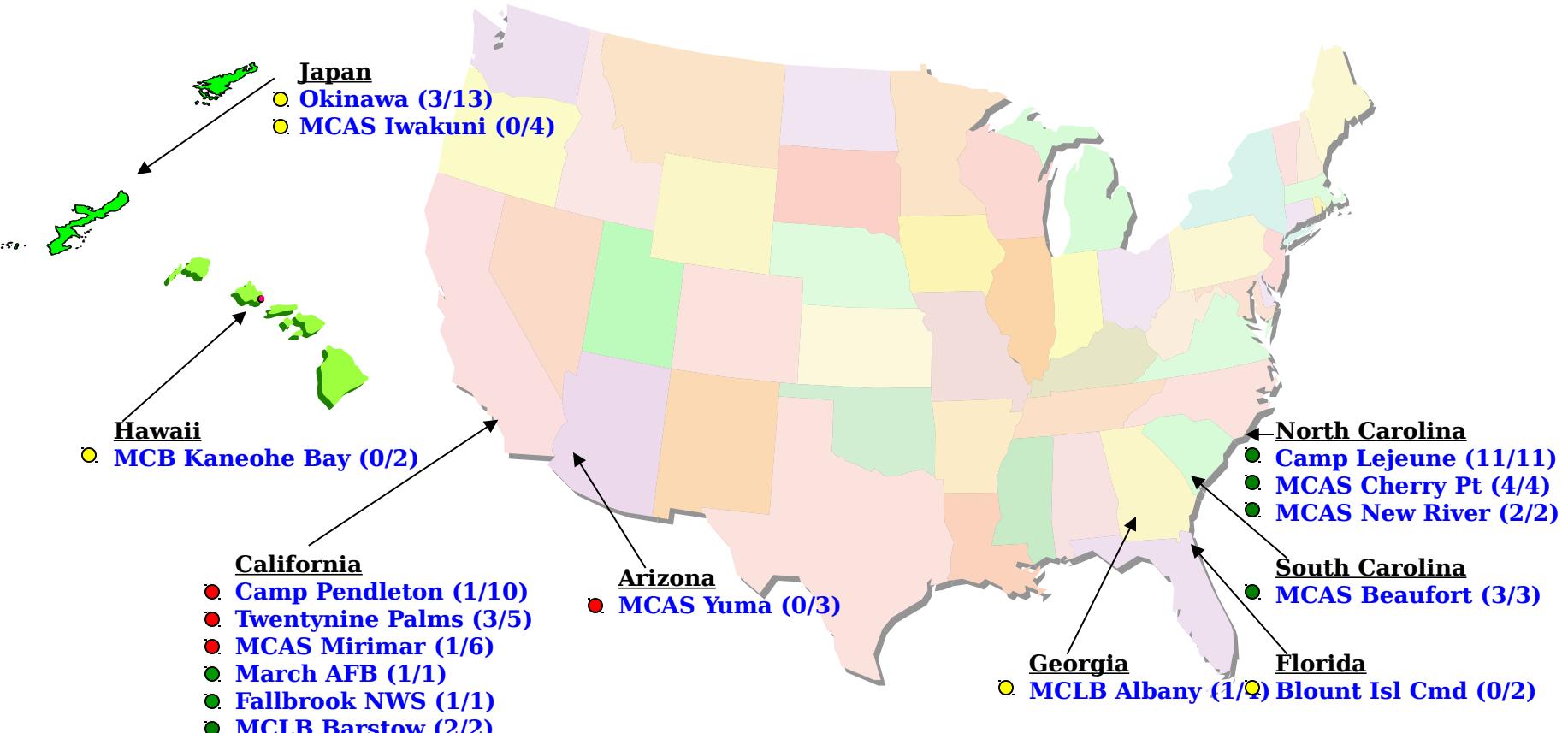
Dispatche

AIT Field
Engineers

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Marine Corps Fixed Interrogator Node



● Green = 100% survey/installation of Active RFID Interrogators

● Yellow = Survey complete and awaiting completion of remaining site prep of Active RFID Interrogators

● Red = Some Surveys completed and awaiting completion of remaining site prep; some new sites added with surveys yet to be conducted, for Active RFID Interrogators
(1/3)

Numbers in parentheses indicate number of sites operational and sites surveyed, respectively

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Other AIT Related Information

User Accounts:

JTAV: https://melbourne.jfcom.mil/c4i/JTAVWB_jtav

GTN: <https://www.gtn.transcom.mil/>

RFID ITV Server: <https://highland.rfitv.army.mil/login/>

Policy/Documentation:

TAV/ITV/AIT Order being worked.

AIT Implementation Plan

RFID Users and Tag Placement Guide

Messages:

USMC POC for AIT

RFID Guidance Supporting Equipment

Active RFID Tag Instructions

“AIT responsibilities transitioned to LPCD”



Other AIT Related Information

Unique Identification (UID) means a system of marking items delivered to the Department of Defense with unique item identifiers (UII) that have machine-readable data elements (represented by a two-dimensional data matrix code) to distinguish an item from all other like and unlike items.
[http://www.acq.osd.mil/dpap/UID/.](http://www.acq.osd.mil/dpap/UID/)



Passive RFID:

- Shipments from Defense Distribution Depot, Susquehanna, PA (DDSP) arrived at the SMU (Camp Lejeune) with passive RFID tags attached. A passive RFID reader/interrogator was installed on one bay door at the SMU and shipments passed through this door as they arrived.
- The information from the passive tags was passed to a stand-alone proprietary server provided and managed by SAIC. There was **no** automated update of inventory, financial transactions, distribution requirements, etc.; however, an AF1 transaction (a *Follow-up Transaction*--which acts as a place-holder only) was placed within STRATIS.
- The pilot ended on 7 Dec but the formal report from SAIC, which was contracted to lead the pilot has yet to be published.
- **No standard hardware or operational architecture has been published by OSD.**

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RFID ITV Server Demo

**Mr. Terry
Moores**

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